Date: User: Customer Job Number **Estimate Number** P.O. Number This Issue Prsht Rev. First Issue **Previous Run** Written By Comment Job Number: Seq. #: 1.0

Tuesday, 14/10/2008 10:20:03 AM **Process Sheet**

: AFT FACING SEAT ASS'Y RH

: 42561

: 13314

Julie Lecocq

: 14/10/2008 : NC

: 40920

S.O. No. :

: CU-DAR001 Dart Helicopters Services

: //

Type : SMALL /MED FAB Part Number **Drawing Number**

Due Date

Drawing Name

: D412769044 : D412-769-2 REVB

: N/A **Project Number** : B **Drawing Revision**

Material

: 21/10/2008

Qty: 1 Um:

Each

Checked & Approved By

new issue DD verified by:ec : Est rev A Est Rev:B 08-07-17 revB as per dwg DD verified by:ec

Est Rev:C 08-08-21 move D3792-1 after powder coat DD verified

by:EC

Additional Product



Machine Or Operation:

Description:

PACKAGING RESOURCE #1

Comment: PACKAGING RESOURCE #1

Pick Packing Kit

PACKAGING 1

2.0 D3782045 Back Leg Assembly

Comment: Qty.:

D3782041

2.0000 Each(s)/Unit Total:

2.0000 Each(s)

Back Leg Assembly

D45129 batch:

Front Inboard Leg Assembly

Comment: Qty.:

1.0000 Each(s)/Unit

Total:

1.0000 Each(s)

batch:

Front Inboard Leg Assembly

Front Outboard Leg Assembly, RH

FF 08/10/23 (1)

3.0

D3782044

Comment: Qty.:

1.0000 Each(s)/Unit

Total:

1.0000 Each(s)

Front Outboard Leg Assembly, RH

00/10/23

D3783041

Lateral Brace Assembly



Comment: Qty.:

1.0000 Each(s)/Unit Total:

1.0000 Each(s)

Lateral Brace Assembly

Dart Ae	rospace Lt	d	•						_		
W/O:			WORK ORDER CHANGES								
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Tuesday, 14/10/2008 10:20:04 AM Date: User: Julie Lecocq **Process Sheet** Drawing Name: AFT FACING SEAT ASS'Y RH Customer: CU-DAR001 Dart Helicopters Services Job Number: 42561 **Part Number:** D412769044 Job Number: Seq. #: Description: **Machine Or Operation:** D3783043 Longitudinal Brace Assembly Comment: Qty.: 2.0000 Each(s)/Unit Total: 2.0000 Each(s) Longitudinal Brace Assembly B42640 batch: 7.0 D3783045 Angle Brace Assembly Comment: Qty.: 1.0000 Each(s)/Unit Total: 1.0000 Each(s) Angle Brace Assembly 8/10/21 batch: 8.0 D3784041 Seat Support Assembly, Center Comment: Qty.: 1.0000 Each(s)/Unit Total: 1.0000 Each(s) Seat Support Assembly, Center FF 08/10/23 batch: D3784043 9.0 Seat Support Assembly, LH Comment: Qty.: 1.0000 Each(s)/Unit Total: 1.0000 Each(s) Seat Support Assembly, LH 49290 batch: 10.0 D3784044 Seat Support Assembly, RH Comment: Qty.: 1.0000 Each(s)/Unit Total: 1.0000 Each(s) Seat Support Assembly, RH batch: 11.0 D37662 Front Rail, RH Comment: Qty.: 1.0000 Each(s)/Unit Total: 1.0000 Each(s) Front Rail 1340064 batch: 12:0 D37663 Rear Rail Comment: Qty.: 1.0000 Each(s)/Unit Total: 1.0000 Each(s) Rear Rail B46263 batch:

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W/O:			WO	RK ORDER CHANG	ES					
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Date: Tuesday, 14/10/2008 10:20:04 AM User: 1 Julie Lecocq **Process Sheet** Drawing Name: AFT FACING SEAT ASS'Y RH Customer: CU-DAR001 Dart Helicopters Services Job Number: 42561 Part Number: D412769044 Job Number: Seq. #: **Machine Or Operation:** Description: 13.0 D37671 Upper Rail Comment: Qty.: 1.0000 Each(s)/Unit Total: 1.0000 Each(s) Upper Rail 40866 batch: AN415A Bolt 14.0 Comment: Qty.: 2.0000 Each(s)/Unit Total: 2.0000 Each(s) Bolt 8/10/21 4108868 batch: EYE BOLT 15.0 Comment: Qty.: 1.0000 Each(s)/Unit Total: 1.0000 Each(s) **EYE BOLT** FF 08/10/23 16.0 Comment: Qty.: 6.0000 Each(s)/Unit Total: 6.0000 Each(s) Bolt U108990 batch: 17.0 AN513A Bolt Comment: Qty.: 2.0000 Each(s)/Unit Total: 2.0000 Each(s) Bolt Washer 18.0 Comment: Qty.: 21.0000 Each(s)/Unit Total: 21.0000 Each(s) Washer 11109057 (or NAS1149D0363J) batch: AN960JD416 Washer 19.0 Comment: Qty.: 4.0000 Each(s)/Unit Total: 4.0000 Each(s) batch: M108827 8/wh (or NAS1149D0463J) batch: Page 3

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W/O:			WORK ORDER	CHANGES				
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Date: Tuesday, 14/10/2008 10:20:04 AM User: ` Julie Lecocq **Process Sheet** Drawing Name: AFT FACING SEAT ASS'Y RH Customer: CU-DAR001 Dart Helicopters Services Job Number: 42561 Part Number: D412769044 Job Number: Seq. #: Description: **Machine Or Operation:** AN960JD516 Washer 20.0 Comment: Qty.: 20.0000 Each(s)/Unit Total: 20.0000 Each(s) Washer M169059 (or NAS1149D0568J) batch: 21.0 AN52510R24 Screw Comment: Qty.: 9.0000 Each(s)/Unit Total: 9.0000 Each(s) Screw U168877 batch: MS21042L3 Nut 22.0 Comment: Qty.: Total: 9.0000 Each(s) Nut batch: MS21042L4 Nut 23.0 Comment: Qty.: Total: 2.0000 Each(s) 2.0000 Each(s)/Unit Nut batch:// 24.0 MS21042L5 Nut Comment: Qty.: 12.0000 Each(s)/Unit Total: 12.0000 Each(s) batch: 1088 25.0 Comment: SMALL & MEDIUM FAB RESOURCE 1 F 08/10/23 1- assemble as per dwg D412-769-2 INSPECT WORK TO CURRENT STEP 26.0 QC5 Comment: INSPECT WORK TO CURRENT STEP Page 4

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W/O:			WO	RK ORDER CHANGE	S				
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Date: Tuesday, 14/10/2008 10:20:04 AM User: Julie Lecocq **Process Sheet** Customer: CU-DAR001 Dart Helicopters Services Drawing Name: AFT FACING SEAT ASS'Y RH Job Number: 42561 Part Number: D412769044 Job Number: Seq. #: **Description: Machine Or Operation:** POWDER COATING POWDER COATING 27.0 11106442 Comment: POWDER COATING 1- mask D3782-041 and D3782-043 front legs and D3787-1 foot as per dwg D412-769-041 2- install bolts in 3 place (in seat belt eye bolt holes) to ensure leg does not move when powder coating 3- Powder coat remainig of assembly grey as per dwg D412-769-2 Powder Coat Grey Sandtex (Ref: 4.3.5.6) as per QSI 005 4.3 START TIME: 7:30AM **OVEN TEMPERATURE:** 320°F FINISH TIME: 28.0 QC3 INSPECT POWDER COAT/CHEMICAL CONVERSION Comment: INSPECT POWDER COAT/CHEMICAL CONVERSION 29.0 PACKAGING RESOURCE #1 Comment: PACKAGING RESOURCE #1 Pick Packing Kit 30.0 D37921 Seat Belt Eye Bolt Comment: Qty.: 3.0000 Each(s)/Unit Total: 3.0000 Each(s) FF 08/10/29 Seat Belt Eye Bolt D37751 Guard Comment: Qty.: 2.0000 Each(s)/Unit 2.0000 Each(s) Total: Guard B40869 batch: Seat Bottom, LH/RH 32.0 D37741 Comment: Qty.: 1.0000 Each(s)/Unit Total: 1.0000 Each(s) Seat Bottom, LH batch:

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W/O:		WORK ORDER CHANGES	WORK ORDER CHANGES								
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Date: Tuesday, 14/10/2008 10:20:04 AM User: ` Julie Lecocq **Process Sheet** Customer: CU-DAR001 Dart Helicopters Services Drawing Name: AFT FACING SEAT ASS'Y RH Job Number: 42561 Part Number: D412769044 Job Number: Seq. #: Description: Machine Or Operation: 33.0 D37743 Seat Back, LH/RH Comment: Qty.: Total: 1.0000 Each(s) AN525 10R22 34.0 Screw Comment: Qty.: 13.0000 Each(s)/Unit Total: 13.0000 Each(s) Screw batch: 35.0 Washer Comment: Qty.: Total: 13.0000 Each(s) Washer (or NAS1149D0332J) batch MS21042L3 36.0 Comment: Qty.: 19.0000 Each(s)/Unit Total: 19.0000 Each(s) Nut batch: MIOSO 37.0 AN35A Bolt Comment: Qty.: Total: 6.0000 Each(s) 6.0000 Each(s)/Unit Bolt 38.0 SMALL & MEDIUM FAB RESOURCE Comment: SMALL & MEDIUM FAB RESOURCE 1 08/10/28 1- install remaining parts as per dwg D412-769-2 INSPECT WORK TO CURRENT STEP 39.0 QC5 Comment: INSPECT WORK TO CURRENT STEP

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Date: User: Tuesday, 14/10/2008 10:20:04 AM

Julie Lecocq

Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: AFT FACING SEAT ASS'Y RH

Job Number: 42561

Part Number: D412769044

Job Number:



Seq. #:

Machine Or Operation:

Description:

40.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and Stock

Location:

PPP 42987

ENLY PIONESTIC VALUE



41.0

QC21

FINAL INSPECTION/W/O RELEASE



08/11/05/

Comment: FINAL INSPECTION/W/O RELEASE

Job Completion



MP 08-11-0

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W/O:			W	ORK ORDER CHANG	ES					
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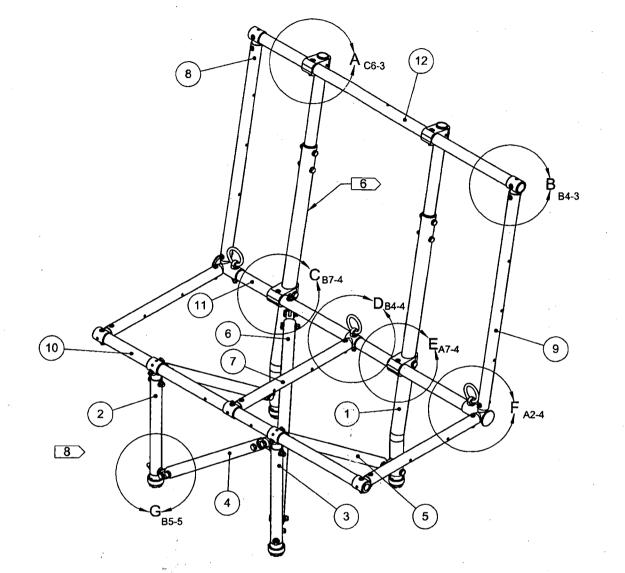
SHOP COPY
RETURN TO
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UNCONTROLLED COPY
SUBJECT TO AMENDMENT B NEW HARDWARE 08.06.25 NEW ISSUE Α HS 08.06.04 D412-769-044 AFT FACING SEAT, RH REV. DESCRIPTION DATE HS DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA DESIGN DRAWN CHECKED DRAWING NO. REV. B D412-769-2 MFG. APPR. SHEET 1 OF 7 TITLE APPROVED AFT FACING SEAT ASSY, RH NTS

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THE DESCRIPTION OF THE PROPERTY OF THE PR DE APPR. DATE 08.06.25

QTY. (-044) PART NUMBER DESCRIPTION ITEM NO. 2 D3782-045 **BACK LEG ASSY** FRONT INBOARD LEG ASSY 1 2 D3782-041 FRONT OUTBOARD LEG ASSY, RH 1 3 D3782-044 D3783-041 LATERAL BRACE ASSY 2 LONGITUDINAL BRACE ASSY D3783-043 ANGLE BRACE ASSY 1 6 D3783-045 SEAT SUPPORT ASSY 1 D3784-041 8 D3784-043 SEAT SUPPORT ASSY, LH SEAT SUPPORT ASSY, RH 1 D3784-044 FRONT RAIL, RH 1 10 D3766-2 **REAR RAIL** 1 D3766-3 11 **UPPER RAIL** D3767-1 12 SEAT BELT EYE BOLT 3 13 D3792-1 2 GUARD 14 D3775-1 **SEAT BOTTOM** 15 D3774-1 1 D3774-3 SEAT BACK 17 AN3-5A **BOLT** 6 **BOLT** 2 18 AN4-15A 1 19 AN45-13A **EYE BOLT** 6 20 AN5-10A **BOLT** 2 21 AN5-13A **BOLT SCREW** 13 22 AN525-10R22 **SCREW** 9 23 AN525-10R24 28 MS21042L3 NUT 24 NUT 2 25 MS21042L4 MS21042L5 NUT 12 26 13 27 NAS1149D0332J WASHER (AN960JD10L) 21 28 NAS1149D0363J WASHER (AN960JD10) 4 29 NAS1149D0463J WASHER (AN960JD416) WASHER (AN960JD516) 20 30 NAS1149D0568J



D412-769-044 AFT FACING SEAT, RH

ENGINEERING UNCONTROLLED COPY SUBJECT TO AMENDMENT WITHOUT NOTICE

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DESIGN	HS	DART AEROSPACE LTD				
DRAWN	HS	HAWKESBURY, ONTARIO, CANADA				
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MFG. APPR.		TD412-769-2 sн	EET 2 OF 7			
APPROVED	M	TITLE	SCALE			
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DATE 08.0	06.25	COPYRIGHT © 2008 BY DART AEROSPACE LTT THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONINGT TO BE USED FOR ANY DIMPOSE OR COMED OF COMMUNICATED TO ANY OTHER PE	OTTION THAT IT IS			

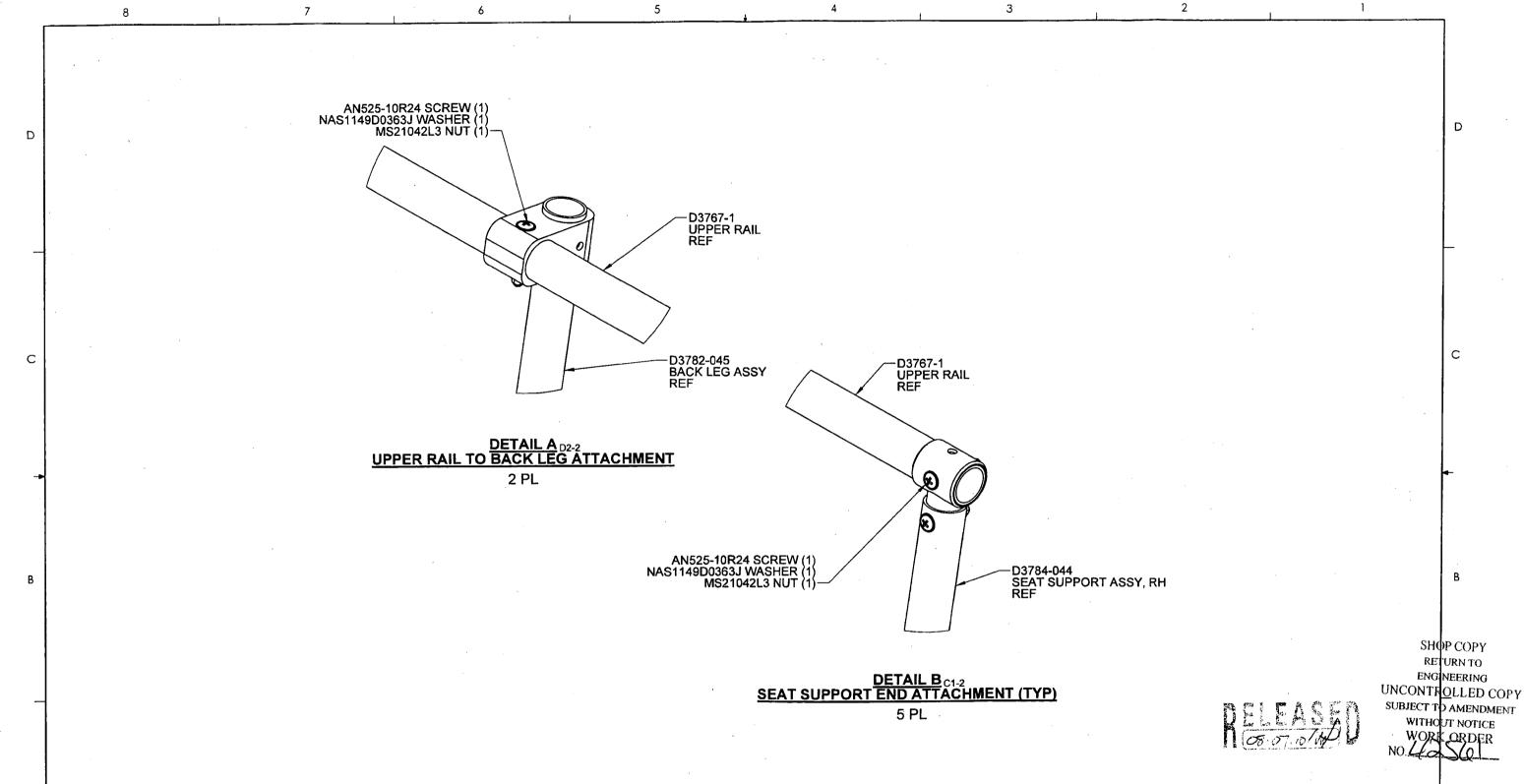
BB

2) FINISH: POWDER COAT "GREY SANDTEX" (4.3.5.6) PER DART QSI 005 4.3 PRIOR TO
INSTALLATION OF SEAT BOTTOM/BACK (D3774-1, -3). MASK FRONT LEGS PRIOR TO POWDER COAT
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX

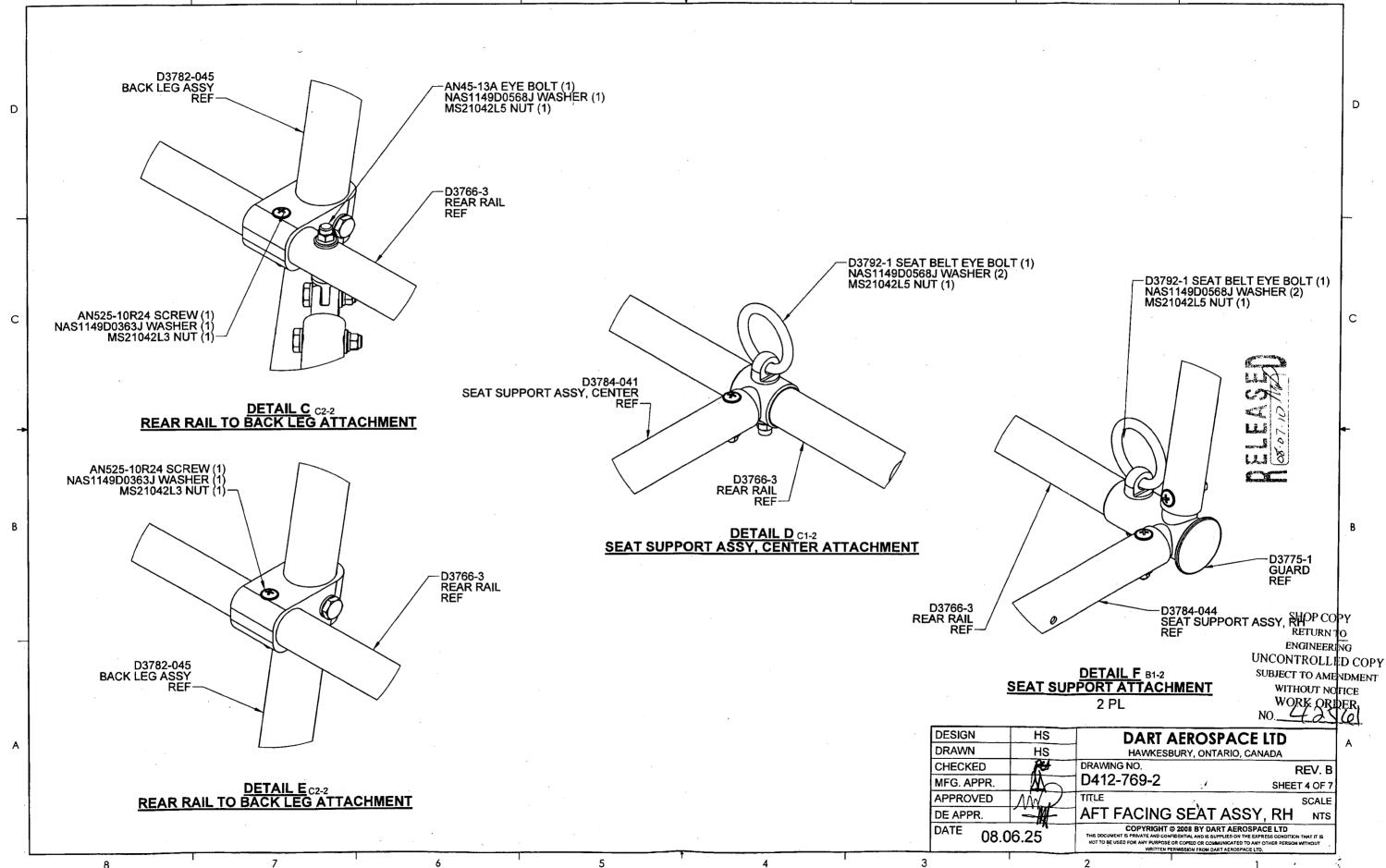
6) IDENTIFICATION: IDENTIFY WITH D2729-1 RED DECAL ATTACHED TO BACK LEG ASSEMBLY (D3782-045)

7) WEIGHT: 30.0 lbs

8) ITEM 15 (D3774-1 SEAT BOTTOM) AND ITEM 16 (D3774-3 SEAT BACK) REMOVED FOR CLARITY



DESIGN HS DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA DRAWN HS DRAWING NO. CHECKED REV. B D412-769-2 MFG. APPR. SHEET 3 OF 7 TITLE APPROVED SCALE AFT FACING SEAT ASSY, RH NTS DE APPR. DATE COPYRIGHT © 2008 BY DART AEROSPACE LTD 08.06.25



- D3782-041 FRONT INBOARD LEG ASSEMBLY REF -- D3783-041 BRACE ASSEMBLY REF AN5-10A BOLT (1) NAS1149D0568J WASHER (2) MS21042L5 NUT (1)-<u>DETAIL G_{B3-2}</u> BRACE ATTACHMENT 6 PL SHOP COPY
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SUBJECT TO MENDMENT
WITHOUT NOTICE
WORK ORDER
NO. LCC

DESIGN	HS	DART AEROSPACE LTD			
DRAWN	HS	HAWKESBURY, ONTARIO, CANADA			
CHECKED	P	DRAWING NO. REV. B			
MFG. APPR.	W	D412-769-2 SHEET 5 OF 7			
APPROVED	Sunt	TITLE SCALE			
DE APPR.	74	AFT FACING SEAT ASSY, RH NTS			
DATE 08.0	06.25	COPYRIGHT © 2008 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.			

